The independent Dragon magazine

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Pragon Answers

Epson made easy **Dragon Forth** Competition

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Speech recognition 24

Adventure trail

Letters Lost address PLEASE would you need a

Anti-

LM309K is only rided at 1 amp.

Germans call

amnesiac

Call and response

Taking control

Empty promises I JONED a computer plub

Question

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Editor's Request

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BOSS DOS

The new DragonDOS plus 2.3 is a definite improvement, savs R.E. Warwick Table 1 - SACKUP timings (seconds)

AUTO - With the new version of AUTO

May 1965 correction, it is now possible to

I reviewing that priginally the output

CLOSE - Pringing the lead set in the

ECF - In line with CLOSE, SCF has ling read, it has been changed to respond PLAFADITREAD -- The internal owners FREE - This now quantities to return a EWRITE -- In sension 1, it was not passi PRPUTILINGSPUT - The capability of

1 INPUT the file must exist, but access is C CREATE mimics the operation of E EMPTY KILLs on existing the and there

OPEN -- This command has been ex-

PRINT - IND version I unreadened

LOAD - For the cassed user, there ap-PROTECT - This new operates as pears to be no change to the LOAD core. DENIANS - Ethiopie the version 1

LOCILOF - These have been corrected on for FREE, and always whom a position SPEACHWEST - Hith version 1 of

WEREY - This command operates in a similar festion to PROTECT, in that CRV is

That covers all the direct Basic changes

OPEN "I", #n. "name" : POKE 111.6 : EXEC NYASA Figures 1 and 2 sive examples of what can be done with the new I/O handling the PORT, both exemples will still work, giving a simple partial SAVE and MERGE eddress routine/function accessed Seneral flas operation (masters, assis atc)

OPEN "O", Fn. "neme" : POKE 111, n : LIST

Figure

Create directory entry, with backup

Copy memory to file, verify if ON

mice home; at \$150, many handles has

rupted when sectors 18 to 35 of early 20 of a

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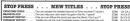
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Fig. 7 (a) 1 (b) 1 (c) 1

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Listing 2 — Labeller program appended to Listing 1 LOUG REM BYGG LABEL PRINTING PROGRAM 1828 YEA-CHRE(126) HIRM COPYRIGHT SYMPO 1838 THE-ACE-1"+CHRE(4) IREN LEFT HARSIN 1202 SSE-MES+"A"+CHRS(4)1RDM 1/2 NORMAL (THUS-1/12") SPWGIME THEM NORMAL 1/4" SPACING INTE CLIMPRINT LANGE PRINT PROGRAM THE PRINTS C. TZELYZELYNELFOR THEM INITIALISE/SET UP ICI CHAR/LEFT HANGIN/CANCE L SKIP PERF. 1118 005087188 1128 PRINTEL28, ENTER GTY IF OK 11 INPUT NUM 1198 PRINTIPRINT PRINT RUN" | PRINTIPRINT LANGL NUMBERS 1158 FORM+1TON,M:PRINTREZZZ,N:+BUBLBZ188:1FINKEYBC>**THENFRINTREZZB, TRUN HWLTED*:E THE PRINTED STATES OF 1108 005UB4138+005UB4888+8ND 2100 PRINTS-2, NRS STRINGS (10, " ") (CES (CDS; "DISKPIX"; XDS nius 2 DEFENSITION PROSPORTS on other mids of tame? 2300 PRINTS-2, MISI* All require ":NES;"CLDSD":NNS;" then ":NES;"RIN" 2500 PRINTS-2, NYS

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DRAGON FORTH

Brian Cadge traces the history of FORTH and reviews the NDLIG package

FORTH was first conceived in 1967 by

As with so many programming

Structure

as BEORY — WHILE — REPEAT Unlike

Programs written in PORTH are often

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Is at example). Once these have been with too. The case the control accessor and entire in some control accessor and the property of some control accessor. It is not too too too control accessor. It is not too too control to carry out the whole task of male ing the cas. PORTH example are shown in a dictionary, and within this dictionary, there may be several versible ferror. A recobality will sharply couldness weath which can be some sharply couldness weath which can be a some sharply couldness weath which we sharply couldness weath which we sharply couldness weath which was sharply couldness weath which we sharply couldness weath which we sharply couldness which we sharply couldness who which can be sharply couldness which we sharply couldness who sharply couldness which we sharply sharply which we sharply which we sharply sharply which we sharply sharply which sharpl

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structions are stored as new definitions (non-model) to descurate take, perhaps as part of another word.

With the ability to call socious within words to any vasculate degree, FORTH-openingly in needs some method of kneeping bank as to whose it is within a program. Per this it used to the call to the call t

FORTH FORTH TOTAL TOTAL

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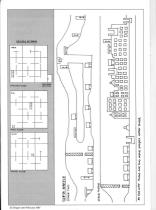
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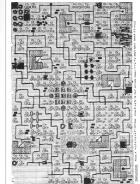
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980 FRINTB322," ";*FRINTB344," "; 990 80TG 600 1000 AnA-11840-1160TG 700 **Winners and Losers** HEREWEgo again — time for another pick from the postbag of entries for the







Speech recognition Ziv Elivaz tracches his Dragon to come when he calls This groupes all enable run Copic to it and service and service runs and prounderstand and destinify house special. Since several years pleasurement, special for contract and the service and an extra trac tion of the service and an extra trac ti

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pules, you can even have it apeals to the Dregon.
The commands added are these:
"You must have this command at the beginning of every program, so the going that water pull the control of the popular and known where in the revenue young takes the coded words. Since every word lakes 500 bytes (shangeable), the aid well place.

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PRCEIVED and AVENAGED will result in an error.

3 EMARE word:

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100 bytes life to large or has many bit,

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the word and a long vision's afterwards.

Stady that the word said again later will be understood.

3) MAZCH.

After all the wends you have seld certain to example.

After all the wends you have seld certain to be considered the relating to begun.

There also also have becomes to know the wends and their relating to begun.

There also also have becomes to know the considered their policy locality.

The constitution of the word that has been add for example. MAZCHOPRINT

"PENALTY intures the high byte of the penalty points for the word you said." IN PENALTY resurves 0, it means you many postly-close so asying the word seasily as the first time, and it's amount ownish than that may the early you said. This servision will had not she early you said. This servision second not PELDIEVISE, and that WCHESHAD is the word which sounds must like it.

Tigor the wind as you be, but when you will like you would say the world say the except the same will be your world say the except the same way. The organism is also sentime to yold feered picthers, so while it will understand you, it is not understand anyone else. This does have it advertisage shough — you can have, they or whether you he mouth the propose works best in total allows and best mouths are achieved under those and best mouths are achieved under those and best mouths are achieved under those

cen here, steg or e-foliate your flaccarine character, and have it requested.

The program works beel in total alliance and considerate co

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Listings

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